

Notice of Allowability

Application No.

10/802,285

Examiner

DAVID P. RASHID

Applicant(s)

RAVEENDRAN ET AL.

Art Unit

2624

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment received 7/15/2009.
2. ☒ The allowed claim(s) is/are 1-3,5,7-15,18-21,31-35,38-45,47 and 49-54.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20090904.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

/David P Rashid/
Examiner, Art Unit 2624

EXAMINER'S AMENDMENT & STATEMENT OF REASONS FOR ALLOWANCE

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Amendments & Claim Status

[1] This office action is responsive to Amendment received Jul. 15, 2009. Claims 1-3, 5, 7-15, 18-21, 31-35, 38-45, 47 and 49-54 remain pending; claims 4, 6, 16-17, 22-30, 36-37, 46, and 48 cancelled.

Claim Rejections - 35 U.S.C. § 102-103

[2] In response to Amendment at 12, the previous 35 U.S.C. § 102-103 rejections are withdrawn.

Formal Examiner's Amendment

[3] This formal Examiner's Amendment is responsive to the telephone interview dated Sep. 4, 2009.

Examiners may use an examiner's amendment to correct a non-compliant amendment filed by the applicant if the amendment would otherwise place the application in condition for allowance (e.g., a reply to a non-final Office action or an after- final amendment includes an incorrect status identifier). See MPEP § 714, subsection I.I.E. Examiner's Amendments.

M.P.E.P. § 1302.04.

This formal Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Amendment to the Specification

“Figure 14 shows an example process 1400 for processing images compressed using ABSDCT and Figure 13 [[15]] shows the variable definition used in process 1400.” Specification at para. 0050, p. 10, Mar. 16, 2004.

Allowable Subject Matter

[4] **Claims 1-3, 5, 7-15, 18-21, 31-35, 38-45, 47 and 49-54** allowed.

Reasons for Allowance

[5] The following is an examiner’s statement of reasons for allowance:

Regarding **claims 1, 13, and 43**, see Office Action at p. 7, Apr. 15, 2009 (pertaining to allowability of claims 6, 17, and 48). Claims 2-3, 5, 7-12, 14-15, 18-21, 44-45, 47, and 49-54 allowable by dependency.

Regarding **claim 34**, see Office Action at p. 7, Apr. 15, 2009 (pertaining to allowability of claim 34). Claims 35 and 38-42 allowable by dependency.

Regarding **claim 31**, while the prior art teaches such a processor, first deblocking filter, and second deblocking filter, the prior art of record does not teach obtaining one or more difference values of one or more edge pixels of the two neighboring blocks, if neither of the two neighboring blocks is subdivided; comparing the one or more difference values to a second threshold, and selecting the second deblocking filter based on the comparison. Claims 32-33 allowable by dependency

[6] Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

[7] Any inquiry concerning this communication or earlier communications from the examiner should be directed to DAVID P. RASHID whose telephone number is (571)270-1578

and fax number (571)270-2578. The examiner can normally be reached Monday - Friday 7:30 - 17:00 ET.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bhavesh Mehta can be reached on (571) 272-7453. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/David P. Rashid/
Examiner, Art Unit 2624

/Bhavesh M Mehta/
Supervisory Patent Examiner, Art Unit 2624

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